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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>		
				Application Number	10/531,078	
				Filing Date	2003-10-15	
				First Named Inventor	GAINEY, Kenneth M.,	
				Art Unit	2618	
				Examiner Name	Sanh D. Phu	
Sheet	1	of	9	Attorney Docket No: 080590		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2(f)} (known)			
	001	US4777653	10-11-1988	BONNEROT, Georges, et al.	
	002	US5095528	03-10-1992	LESLIE, Samuel A., et al.	
	003	US5280480	01-18-1994	PITT, Daniel A., et al.	
	004	US5333175	07-26-1994	ARIYAVISITAKUL, Sirikiat, et al.	
	005	US5383144	01-17-1995	KATO, Shiro	
	006	US5732334	03-24-1998	MIYAKE, Atsushi	
	007	US5767788	06-16-1998	NESS, James C.	
	008	US5815795	09-29-1998	IWAI, Tohru	
	009	US5825809	10-20-1998	SIM, Bok-Tae	
	010	US6215982	04-10-2001	TROMPOWER, Michael L.	
	011	US6377612	04-23-2002	BAKER, Kenneth R.	
	012	US6404775	06-11-2002	LESLIE, Samuel A., et al.	
	013	US6480481	11-12-2002	PARK, Su-Won, et al.	
	014	US6535732	03-18-2003	MCINTOSH, Chris P., et al.	
	015	US6539028	03-25-2003	SOH, Kok Hong, et al.	
	016	US6549542	04-15-2003	DONG, Sung-Soo, et al.	
	017	US6694125	02-17-2004	WHITE, Stanley A., et al.	
	018	US6766113	07-20-2004	AL-SALAMEH, Daniel Y., et al.	
	019	US7043203	05-09-2006	MIQUEL, Xavier Barba, et al.	

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		Number-Kind Code ² (if known)			
	020	US7123670	10-17-2006	GILBERT; Jeffrey M., et al.	
	021	US7132988	11-07-2006	YEGIN; Korkut, et al.	
	022	US7133460	11-07-2006	BAE; Sang-Min, et al.	
	023	US7409186	08-05-2008	VAN BUREN; V. Alan, et al.	
	024	US7430397	09-30-2008	SUDA; Hirohito, et al.	
	025	US7486929	02-03-2009	VAN BUREN; V. Alan, et al.	
	026	US7623826	11-24-2009	PERGAL; Frank	
	027	US20010018328	08-30-2001	OHKURA; Yoshinori, et al.	
	028	US20010040699	11-15-2001	OSAWA; Hidefumi, et al.	
	029	US20010050580	12-13-2001	O'toole; James E., et al.	
	030	US20010050906	12-13-2001	ODENWALDER; Joseph P., et al.	
	031	US20020004924	01-10-2002	KIM; Min-Koo, et al.	
	032	US20020034958	03-21-2002	OBERSCHMIDT; Gerald, et al.	
	033	US20020109585	08-15-2002	SANDERSON; Leion Wayne	
	034	US20020119783	08-29-2002	BOURLAS; Yair, et al.	
	035	US20020141435	10-03-2002	NEWBERG; Donald G., et al.	
	036	US20020159506	10-31-2002	ALAMOUTI; Siavash, et al.	
	037	US20030026363	02-06-2003	STOTER; Jan, et al.	
	038	US20030185163	10-02-2003	BERTONIS; James G., et al.	

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	039	US20030211828	11-13-2003	DALGLEISH, Robert, et al.	
	040	US20040029537	02-12-2004	PUGEL, Michael Anthony, et al.	
	041	US20040157551	08-12-2004	GAINEY, Kenneth M., et al.	
	042	US20040208258	10-21-2004	LOZANO, Angel, et al.	
	043	US20040235417	11-25-2004	DEAN, Richard F.	
	044	US20040248581	12-09-2004	SEKI, Hiroyuki, et al.	
	045	US20050201315	09-15-2005	LAKKIS, Ismail	
	046	US20060035643	02-16-2006	VOOK, Frederick W., et al.	
	047	US20060052066	03-09-2006	CLEVELAND, Joseph R., et al.	
	048	US20060052099	03-09-2006	PARKER, Jeffrey L.	
	049	US20060203757	09-14-2006	YOUNG, Shane, et al.	
	050	US20070025349	02-01-2007	BAJIC, Zeljko	
	051	US20070121546	05-31-2007	ZUCKERMAN, Gal, et al.	
	052	US20080057862	03-06-2008	SMITH, James P.	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Relevant Passages or Relevant Figures Appear	T S
	053	EP0709973A1	05-01-1996	NTT MOBILE COMMUNICATIONS NETWORK INC.		<input type="checkbox"/>
	054	EP0715423	06-05-1996	AT & T CORP [US]		<input type="checkbox"/>
	055	EP0847146A2	06-10-1998	NEC CORP [JP]		<input type="checkbox"/>
	056	EP0853393A1	07-15-1998	NTT MOBILE COMMUNICATIONS NETWORK INC.		<input type="checkbox"/>
	057	GB2351420A	12-27-2000	MOTOROLA LTD.		<input type="checkbox"/>
	058	JP05063623	03-12-1993	NEC CORP.		<input checked="" type="checkbox"/>
	059	JP05102907	04-23-1993	FUJITSU LTD.		<input checked="" type="checkbox"/>
	060	JP06334577	12-02-1994	NIPPON TELEGRAPH & TELEPHONE.		<input checked="" type="checkbox"/>
	061	JP07030473	01-31-1995	NIPPON TELEGRAPH & TELEPHONE.		<input checked="" type="checkbox"/>
	062	JP07079205	03-20-1995	NIPPON TELEGRAPH & TELEPHONE.		<input checked="" type="checkbox"/>
	063	JP09018484A	01-17-1997	TEC CORP.		<input checked="" type="checkbox"/>
	064	JP09182155	07-11-1997	HITACHI LTD.		<input checked="" type="checkbox"/>
	065	JP10032557A	02-03-1998	NEC CORP.		<input checked="" type="checkbox"/>
	066	JP10135892	05-22-1998	MITSUBISHI ELECTRIC CORP.		<input checked="" type="checkbox"/>
	067	JP11055713	02-26-1999	MATSUSHITA ELECTRIC IND CO LTD.		<input checked="" type="checkbox"/>
	068	JP11127104	05-11-1999	MATSUSHITA ELECTRIC IND CO LTD.		<input checked="" type="checkbox"/>
	069	JP2000031877	01-28-2000	SHARP CORP.		<input checked="" type="checkbox"/>
	070	JP2000082983A	03-21-2000	KOKUSAI ELECTRIC CO LTD.		<input checked="" type="checkbox"/>

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	071	JP2000269873	09-29-2000	KOKUSAI ELECTRIC CO LTD.		<input checked="" type="checkbox"/>
	072	JP2000502218T	02-22-2000	QUALCOMM INC.		<input checked="" type="checkbox"/>
	073	JP2001111575A	04-20-2001	MATSUSHITA ELECTRIC IND CO LTD.		<input checked="" type="checkbox"/>
	074	JP2001244864A	09-07-2001	HITACHI LTD.		<input checked="" type="checkbox"/>
	075	JP2002033691	01-31-2002	SONY INT EUROP GMBH.		<input checked="" type="checkbox"/>
	076	JP2002111571A	04-12-2002	NIPPON TELEGR & TELEPH CORP.		<input checked="" type="checkbox"/>
	077	JP2005531202	10-13-2005	WIDEFI, INC.		<input checked="" type="checkbox"/>
	078	JP2005531265	10-13-2005	QUALCOMM INC.		<input checked="" type="checkbox"/>
	079	JP2006503481	01-26-2006	QUALCOMM INCORPORATED.		<input checked="" type="checkbox"/>
	080	JP2006505146	02-09-2006	QUALCOMM INC [US]		<input checked="" type="checkbox"/>
	081	JP62040895	02-21-1987	TOSHIBA CORP.		<input checked="" type="checkbox"/>
	082	JP63160442	07-04-1988	HITACHI DENSHI LTD.		<input checked="" type="checkbox"/>
	083	JP64011428	01-17-1989	TOYO COMMUN EQUIP CO LTD.		<input checked="" type="checkbox"/>
	084	KR100610929	08-10-2006	SAMSUNG THALES CO LTD [KR]		<input checked="" type="checkbox"/>
	085	RU2120702C1	10-20-1998	BRITISH TELEKOMM/JUNIKEJSHN Z PABLIK LIMITED KOMPAN.		<input type="checkbox"/>
	086	WO0050971A2	08-31-2000	BERKELEY CONCEPT RESEARCH CORP [US]		<input type="checkbox"/>

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		Country Code ³ - Number ⁴ -Kind Code ⁵ (if known)				
	087	WO0152447	07-19-2001	ANDREW CORPORATION [US]		<input type="checkbox"/>
	088	WO0182512A1	11-01-2001	KOREA TELECOM FREETEL CO., LTD. [KR]		<input type="checkbox"/>
	089	WO03013005A2	02-13-2003	SPOTWAVE WIRELESS INC [CA]		<input type="checkbox"/>
	090	WO04032362	04-15-2004	WIDEFI, INC.		<input type="checkbox"/>
	091	WO04038958	05-06-2004	WIDEFI, INC.		<input type="checkbox"/>
	092	WO05115022	12-01-2005	WIDEFI, INC.		<input type="checkbox"/>
	093	WO2004001986A2	12-31-2003	TANTIVY COMM INC [US]		<input type="checkbox"/>
	094	WO92014339	08-20-1992	BRITISH TELECOMMUNICATIONS.		<input type="checkbox"/>
	095	WO97034434	09-18-1997	MOTOROLA INC [US]		<input type="checkbox"/>
	096	WO9858461A1	12-23-1998	ERICSSON TELEFON AB L M [SE]		<input type="checkbox"/>
	097	WO9959264A2	11-18-1999	NOKIA NETWORKS OY [FI]		<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2

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	098	KANNANGARA, et al., "Analysis of an Adaptive Wideband Duplexer with Double-Loop Cancellation," IEEE Transactions on Vehicular Technology, vol. 56, no. 4, July 2007, pp. 1971-1982.	<input type="checkbox"/>
	099	KUTLU, et al., "Performance Analysis of MAC Protocols for Wireless Control Area Network," 1996 IEEE, pp. 494-499.	<input type="checkbox"/>
	100	Office Action English translation dated July 4, 2008 issued from Chinese Patent Office for Application No. 03814391.7.	<input type="checkbox"/>
	101	Office Action English translation dated June 29, 2009 issued from Japanese Patent Office for Application No. 2004-541532 (080585JP).	<input type="checkbox"/>
	102	Official communication issued from the European Patent Office dated August 7, 2007 for the corresponding European patent application No. 03759271.4-2412.	<input type="checkbox"/>
	103	Official communication issued from the European Patent Office dated December 19, 2006 for the corresponding European patent application No. 03759271.4-2412.	<input type="checkbox"/>
	104	Supplementary European Search Report - EP03759271, Search Authority - Munich Patent Office, 09-14-06 (080590EP).	<input type="checkbox"/>
	105	Translation of Office Action in Japanese application 2004-515701, corresponding to US application 10/516,327, citing WO00050971, JP2000-031877, JP2002-033691, JP2002-111571 and JP11-127104. Dated 2010-05-25 (080583JP).	<input type="checkbox"/>
	106	Translation of Office Action in Japanese application 2004-544751, corresponding to US application 10/531,078, citing WO00050971, JP2002-111571, JP05-102907, JP63-160442, JP2000-502218, JP10-032557 and JP2000-082983. Dated 2009-08-25 (080590JP).	<input type="checkbox"/>
	107	Translation of Office Action in Japanese application 2004-553510, corresponding to US application 10/533,589, citing WO00050971, JP09-182155, JP64-011428 and JP62-040895. Dated 2009-09-29 (080588JP).	<input type="checkbox"/>
	108	Translation of Office Action in Japanese application 2004-565505, corresponding to US application 10/563,471, citing JP08-097762 and JP2001-111575. Dated 2009-08-11 (080589JP).	<input type="checkbox"/>
	109	Translation of Office Action in Japanese application 2004-565505, corresponding to US application 10/563,471, citing JP08-097762, JP2001-111575, JP09-018484 and JP11-055713. Dated 2010-09-14 (080589JP).	<input type="checkbox"/>
	110	Translation of Office Action in Japanese application 2004-565505, corresponding to US	<input type="checkbox"/>

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		Application Number	10/531,078	
		Filing Date	2003-10-15	
		First Named Inventor	GAINEY, Kenneth M.	
		Art Unit	2618	
		Examiner Name	Sanh D. Phu	
Sheet	8	of	9	Attorney Docket No: 080590

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		application 10/563,471, citing JP09-018484. Dated 2010-02-23 (080589JP).	
	111	Translation of Office Action in Korean application 2008-7026775, corresponding to US application 11/730,361, citing KR100610929 Dated 2010-08-30 (080600KR).	<input type="checkbox"/>
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